

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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APPLICANT : MATSUSHITA ELECTRIC IND CO LTD;

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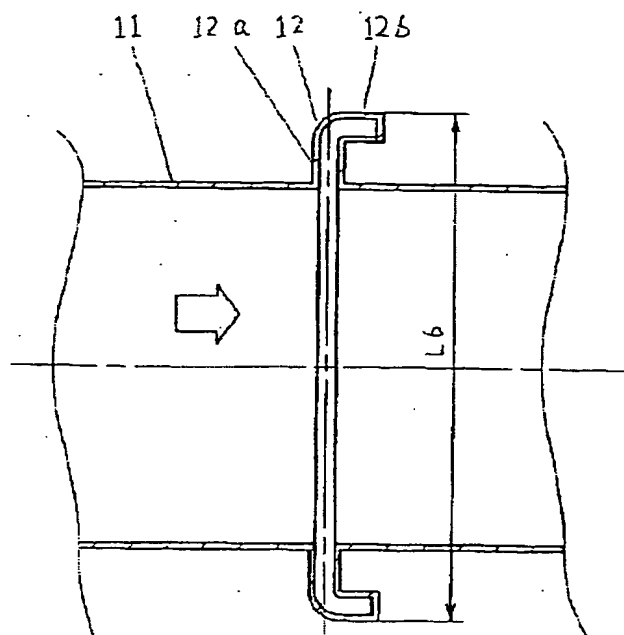
TITLE : SILENCER AND ELECTRIC  
APPARATUS PROVIDED WITH THE  
SAME

11 送風経路

12 消音器

12a 拡大部

12b 拡大部



ABSTRACT : PROBLEM TO BE SOLVED: To provide a silencer more compact in size than the conventional one.

SOLUTION: The silencer 12 is composed of a groove-like enlarged part 12a peripherally formed on the internal wall of an air-flow path 11 in which a sound wave is transmitted, and an enlarged part 12b in a shape of bent-or- curved groove connected to the part 12a.

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